

RESEARCH FOR RESULTS



Purdy Organic Farms Trials 2016

OVERVIEW: This trial compares yields for first year organic corn. All seed was treated with the organic, humic acid based **Organic 1r – Seed Treatment**. Then, alternating twelve row plots were treated in furrow with a high-grade dry, granular humic acid product, **Organic 5r – Soil Boost EA**, and compared against the check plots.

LOCATION: PURDY ORGANIC FARMS, Macomb, IL.

VARIETY: Viking 49-09N Organic. Previous Crop = Hay.

PLANTING DATE: May 15, 2016

HARVEST DATE: November 7, 2016

POPULATION: 32,000

ROWS: 30"

WEED TREATMENT: None

TREATMENTS: All seed was treated with SoilBiotics **Organic 1r – Seed Treatment**. 10 lbs. SoilBiotics **Organic 5r – Soil Boost EA** applied in-furrow at planting alternating rows vs. no addition for check.

John Purdy at Purdy Organic Farms						
Rows run in groups Untreated/Treated and go East to West in field.						
Rows (406 ft)	55 to 66	43 to 54	31 to 42	19 to 30	7 to 18	1 to 6
	Untreated	Treated	Untreated	Treated	Untreated	Treated
Yield (lbs)	2714	2828	2840	2972	2780	1386*
Bu/A	173.1	180.4	181.1	189.5	177.3	176.8*
	UNTREATED		TREATED		DIFFERENCE +/- Treated vs. Untreated	
Avg. Moisture	15.3		15.3			
Avg. Test Weight	59		59			
Total Weight	8334 lbs		8572 lbs*			
Total Avg. Bu/A	177.1 Bu/A		182.2 Bu/A		Plus 5.1 Bu/A advantage for Treated groups	
<i>*NOTE: The first group of Treated rows on the West (Rows 1-6) was planted at only half size, and the resulting yield was doubled in order to compare to all other 12-row Untreated and Treated groups.</i>						

SUMMARY: Use of the SoilBiotics **Organic 5r – Soil Boost EA** resulted in an overall +5.1 Bu/A yield bump.